Issuance Date: March 6, 2009
Effective Date: July 1, 2009
Expiration Date: June 30, 2014

DEPARTMENT OF ECOLOGY
State of Washington

STATE WASTE DISCHARGE PERMIT NO. ST 7337

State of Washington
DEPARTMENT OF ECOLOGY
Southwest Regional Office

In compliance with the provisions of the
State of Washington Water Pollution Control Law
Chapter 90.48 Revised Code of Washington, as amended,
and
the Federal Water Pollution Control Act
(The Clean Water Act)
Title 33 United States Code, Section 1251 et seq.,
authorizes

King County Department of Natural Resources
Solid Waste Division
210 South Jackson Street, Suite 701
Seattle, WA 98104

to discharge wastewater in accordance with the special and general conditions which follow.

Facility Address: Enumclaw Transfer Station 1650 Battersby Avenue East Enumclaw, WA 98022	Facility Discharge Location: Latitude: 47° 12' 20" N Longitude: 121° 57' 29" W POTW DISCHARGE LOCATION: Latitude 47º 10' 31" N Longitude 122º 01' 21" W
Publicly Owned Treatment Works (POTW) Receiving Discharge: City of Enumclaw Wastewater Treatment Plant	
Industry Type: Public Utility	Not a Major Industrial User: SIC Code: 9511

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Garin Schrieve, P.E.
Southwest Region Manager
Water Quality Program
Washington State Department of Ecology

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SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	First Submittal Date
S3.A.	Discharge Monitoring Report	Monthly	August 15, 2009
S6.	Spill Plan Update	1/permit cycle	January 1, 2010
S7.	Oil-Water Separator Operation	1/permit cycle	October 1, 2009
G7.	Application for permit renewal	1/permit cycle	January 2, 2013

SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit. The discharge of any of the following pollutants more frequently than, or at a concentration in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on the effective date and lasting through the expiration date of this permit, the Permittee is authorized to discharge wastewater to the city of Enumclaw Wastewater Treatment Plant sewer system subject to the following limitations:

EFFLUENT LIMITATIONS		
Parameter	**Average Monthly [a]**	**Maximum Daily [b]**
pH	Between 5.0 and 9.0 SU	
Oil and Grease	N/A	100 mg/L
BOD_5	N/A	18 pounds per day
Total Suspended Solids (TSS)	N/A	20 pounds per day
[a] The average monthly effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.		
[b] The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day.		

S2. MONITORING REQUIREMENTS

A. Wastewater Monitoring

The Permittee shall monitor the wastewater according to the procedures provided in Appendix A of this permit in conformance with the following schedule:

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
Flow	MGD	Outfall 001	Monthly	Metered
Oil & Grease	mg/L	Outfall 001	Monthly	Grab
BOD_5	mg/L	Outfall 001	Monthly	Grab
TSS	mg/L	Outfall 001	Monthly	Grab
pH	Standard Units	Outfall 001	Monthly	Grab

B. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the water and wastewater monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 Code of Federal Regulations (CFR) Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Ecology).

C. Flow Measurement

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements are consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations and at a minimum frequency of at least one calibration per year. Calibration records shall be maintained for at least three years.

D. Laboratory Accreditation

All monitoring data required by Ecology shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 Washington Administrative Code (WAC). Flow, temperature, settleable solids, and internal process control parameters are exempt from this requirement.

S3. REPORTING AND RECORDKEEPING REQUIREMENTS

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to Ecology shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on the effective date of the permit. Monitoring results shall be submitted monthly. Monitoring data obtained during the previous month shall be summarized and reported on a form provided, or otherwise approved, by Ecology, and be postmarked or received no later than the 15th day of the month following the completed reporting period, unless otherwise specified in this permit. The report(s) shall be sent to:

Industrial Unit Permit Coordinator
Department of Ecology
Southwest Regional Office
P.O. Box 47775
Olympia, Washington 98504-7775.

Discharge Monitoring Report forms must be submitted monthly whether or not the facility was discharging. If there was no discharge or the facility was not operating during a given monitoring period, submit the form as required with the words "no discharge" entered in place of the monitoring results. A copy of this report shall be mailed to:

Department of Public Works
Wastewater Treatment Plant
2041 Railroad Street
Enumclaw, Washington 98022

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2. of this permit, then the results of this monitoring shall be included in calculation and reporting of the data submitted in the Permittee's self-monitoring reports.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the permit terms and conditions due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and cleanup unauthorized discharges or otherwise stop the violation, and correct the problem;

2. Repeat sampling and analysis of any violation and submit the results to Ecology within 30 days after becoming aware of the violation;

3. Immediately notify Ecology and the local sewage treatment plant manager of the failure to comply; and

4. Submit a detailed written report to Ecology within 30 days (five days for upsets and bypasses), unless requested earlier by Ecology. The report should describe the nature of the violation, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of the resampling, and any other pertinent information.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

F. Dangerous Waste Discharge Notification

The Permittee shall notify the POTW and Ecology in writing of the intent to discharge into the POTW any substance designated as a dangerous waste in accordance with the provisions of WAC 173-303-070. This notification shall be made at least 90 days prior to the date that discharge is proposed to be initiated.

G. Spill Notification

The Permittee shall notify the POTW immediately (as soon as discovered) of all discharges that could cause problems to the POTW, such as process spills and unauthorized discharges (including slug discharges).

S4. PROHIBITED DISCHARGES

A. General Prohibitions

The Permittee shall not introduce into the POTW pollutant(s) which cause Pass Through or Interference.

B. Specific Prohibitions

In addition, the following shall not be introduced into the POTW:

1. Pollutants which create a fire or explosion hazard in the POTW, including, but not limited to, waste streams with a closed cup flashpoint of less than 60°C (140°F) using the test methods specified in 40 CFR 261.21.

2. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference;

3. Any pollutant, including oxygen demanding pollutants (BOD, etc.), released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW;

4. Heat in amounts which will inhibit biological activity in the POTW resulting in interference, but in no case heat in such quantities that the temperature at the POTW treatment plant exceeds 40□ C (104□ F) unless the approval authority, upon request of the POTW, approves alternative temperature limits;

5. Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;

6. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems;

7. Any trucked or hauled pollutants, except at discharge points designated by the POTW;

8. Pollutants which will cause corrosive structural damage to the POTW.

C. Prohibited Unless Approved

1. Any of the following discharges are prohibited unless approved by Ecology under extraordinary circumstances (such as a lack of direct discharge alternatives due to combined sewer service or a need to augment sewage flows due to septic conditions):

   a. Noncontact cooling water in significant volumes.

   b. Storm water and other direct inflow sources.

   c. Wastewaters significantly affecting system hydraulic loading, which do not require treatment or would not be afforded a significant degree of treatment by the system.

2. Unless specifically authorized in this permit, the discharge of dangerous wastes as defined in Chapter 173-303 WAC, is prohibited.

S5. DILUTION PROHIBITED

The Permittee shall not dilute the wastewater discharge with stormwater or increase the use of potable water, process water, noncontact cooling water, or, in any way, attempt to dilute an effluent as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

S6. SPILL PLAN

No later than January 1, 2010, the Permittee shall submit to Ecology a spill control plan update for the prevention, containment, and control of spills or unplanned releases. Changes to the plan shall be sent to Ecology. The plan and any supplements shall be followed throughout the term of the permit.

The updated spill control plan shall include the following:

- A description of operator training to implement the plan.

- A description of the reporting system which will be used to alert responsible managers and legal authorities in the event of a spill.

- A description of preventive measures and facilities (including an overall facility plot showing drainage patterns) which prevent, contain, or treat spills of these materials.

- A list of all oil and petroleum products, materials, which when spilled, or otherwise released into the environment, are designated Dangerous (DW) or Extremely Hazardous Waste (EHW) by the procedures set forth in WAC 173-303-070, or other materials which may become pollutants or cause pollution upon reaching state's waters.

Plans and manuals required by 40 CFR Part 112, contingency plans required by Chapter 173-303 WAC, or other plans required by other agencies which meet the intent of this section may be submitted.

S7. OIL-WATER SEPARATOR OPERATION

No later than **October 1, 2009**, the Permittee shall establish a schedule for inspection and maintenance of the oil-water separator. This schedule shall be submitted to Ecology for approval. Maintenance and inspection of the oil-water separator shall be documented. This documentation shall be kept on site for Ecology's inspections.

GENERAL CONDITIONS

G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to Ecology shall be signed as follows:

A. All permit applications shall be signed by either a principal executive officer or ranking elected official.

B. All reports required by this permit and other information requested by Ecology shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

1. The authorization is made in writing by the person described above and is submitted to Ecology at the time of authorization, and

2. The authorization specifies either a named individual or any individual occupying a named position.

C. Changes to authorization. If an authorization under paragraph B.2. above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to Ecology prior to or together with any reports, information, or applications to be signed by an authorized representative.

D. Certification. Any person signing a document under this section shall make the following certification:

> "I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

G2. RIGHT OF ENTRY

Representatives of Ecology shall have the right to enter at all reasonable times in or upon any property, public or private, for the purpose of inspecting and investigating conditions relating to the pollution or the possible pollution of any waters of the state. Reasonable times shall include normal business hours; hours during which production, treatment, or discharge occurs; or times when Ecology suspects a violation requiring immediate inspection. Representatives of Ecology shall be allowed to have access to, and copy at reasonable cost, any records required to be kept under terms and conditions of the permit; to inspect any monitoring equipment or method required in the permit; and to sample the discharge, waste treatment processes, or internal waste streams.

G3. PERMIT ACTIONS

This permit shall be subject to modification, suspension, or termination, in whole or in part by Ecology for any of the following causes:

A. Violation of any permit term or condition;

B. Obtaining a permit by misrepresentation or failure to disclose all relevant facts;

C. A material change in quantity or type of waste disposal;

D. A material change in the condition of the waters of the state; or

E. Nonpayment of fees assessed pursuant to Revised Code of Washington (RCW) 90.48.465.

Ecology may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of regulations or new information.

G4. REPORTING A CAUSE FOR MODIFICATION

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports, whenever a new or increased discharge or change in the nature of the discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least 60 days prior to any proposed changes. Submission of this application does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

G5. PLAN REVIEW REQUIRED

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to Ecology for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications should be submitted at least 180 days prior to the planned start of construction. Facilities shall be constructed and operated in accordance with the approved plans.

G6. COMPLIANCE WITH OTHER LAWS AND STATUTES

Nothing in the permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

G7. DUTY TO REAPPLY

The Permittee must apply for permit renewal no later than **January 2, 2013**.

G8. PERMIT TRANSFER

This permit is automatically transferred to a new owner or operator if:

A. A written agreement between the old and new owner or operator containing a specific date for transfer of permit responsibility, coverage, and liability is submitted to Ecology;

B. A copy of the permit is provided to the new owner and the receiving POTW is notified and;

C. Ecology does not notify the Permittee of the need to modify the permit.

Unless this permit is automatically transferred according to section A. above, this permit may be transferred only if it is modified to identify the new Permittee and to incorporate such other requirements as determined necessary by Ecology.

G9. REDUCED PRODUCTION FOR COMPLIANCE

The Permittee shall control production or discharge to the extent necessary to maintain compliance with the terms and conditions of this permit upon reduction of efficiency, loss, or failure of its treatment facility until the treatment capacity is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power for the treatment facility is reduced, lost, or fails.

G10. REMOVED SUBSTANCES

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be resuspended or reintroduced to the effluent stream for discharge.

G11. PAYMENT OF FEES

The Permittee shall submit payment of fees associated with this permit as assessed by Ecology. Ecology may revoke this permit if the permit fees established under Chapter 173-224 WAC are not paid.

G12. PENALTIES FOR VIOLATING PERMIT CONDITIONS

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be and be deemed to be a separate and distinct violation.

APPENDIX A

EFFLUENT CHARACTERIZATION FOR POLLUTANTS
THIS LIST INCLUDES EPA REQUIRED POLLUTANTS (PRIORITY POLLUTANTS) AND SOME ECOLOGY PRIORITY TOXIC CHEMICALS (PBTs)

The following table with analytical levels is to be used as guidance for effluent characterization in NPDES permit applications and applications for permit renewal. The permit applications will specify the groups of compounds to be analyzed. Ecology may require additional groups to be analyzed. The table should also be used as a guide for routine effluent monitoring for pollutants specified in the permit. The objectives are to reduce the number of analytical "non-detects" in applications and monitoring reports and to measure effluent concentrations near or below criteria values where possible at a reasonable cost. If an applicant or Permittee knows that an alternate, less sensitive method (higher DL and QL) from 40 CFR Part 136 is sufficient to produce measurable results in their effluent, that method may be used for analysis.

EPA 307(A) REF. #	**Pollutant & CAS No.** ***(if available)***	**Recommended Analytical Protocol**	**Detection (DL)**[1] ***µg/L unless specified***	**Quantitation Level (QL)** [2] ***µg/L unless specified***	**Lowest Criteria Values** ***µg/L unless specified***
		Conventionals			
	Biochemical Oxygen Demand	SM5210-B		2 mg/L	
	Chemical Oxygen Demand	SM5220-D		10 mg/L	
	Total Organic Carbon	SM5310-B/C/D		1 mg/L	
	Total Suspended Solids	SM2540-D		5 mg/L	
	Total Ammonia (as N)	SM4500-NH3- GH		0.3 mg/L	
	Flow	Calibrated device			
	Dissolved oxygen	4500-OC/OG		0.2 mg/L	
	Temperature (max. 7-day avg.)	Analog recorder or Use micro-recording devices known as thermistors		0.2º C	
	pH	SM4500-H^+ B	N/A	N/A	
		Nonconventionals			
	Total Alkalinity	SM2320-B		5 mg/L as CaCo3	

EPA 307(A) REF. #	Pollutant & CAS No. *(if available)*	Recommended Analytical Protocol	Detection (DL)[1] *µg/L unless specified*	Quantitation Level (QL) [2] *µg/L unless specified*	Lowest Criteria Values *µg/L unless specified*
	Bromide (24959-67-9)	4110 B	100	400	
	Chlorine, Total Residual	4500 Cl G		50.0	7.5
	Color	SM2120 B/C/E		10 color unit	
	Fecal Coliform	SM 9221E	N/A	N/A	
	Fluoride (16984-48-8)	SM4500-F E	25	100	
	Nitrate-Nitrite (as N)	4500-NO3- E/F/H		100	10,000
	Nitrogen, Total Kjeldahl (as N)	4500-NH3-C/E/FG		300	
	Ortho-Phosphate (PO_4 as P)	4500- PE/PF	30	100	
	Phosphorus, Total (as P)	4500-PE/PF	30	100	
	Oil and Grease (HEM)	1664A		5,000	
	Radioactivity	Table 1E			
	Salinity	SM2520-B		3 PSS	
	Settleable Solids	SM2540 -F		100	
	Sulfate (as mg/L SO_4)	SM4110-B		200	
	Sulfide (as mg/L S)	4500-S^2F/D/E/G		200	2.0
	Sulfite (as mg/L SO_3)	SM4500-SO3B		2000	
	Surfactants	SM5540 C		50	
	Total dissolved solids	SM2540 C		20 mg/L	500 mg/L[12]
	Total Hardness	2340B		200 as CaCO3	
	Aluminum, Total (7429-90-5)	200.8	2.0	10	750
	Barium Total (7440-39-3)	200.8	0.5	2.0	
	Boron Total (7440-42-8)	200.8	2.0	10.0	
	Cobalt, Total (7440-48-4)	200.8	0.05	0.25	
	Iron, Total (7439-89-6)	200.8	12.5	50	300
	Magnesium, Total (7439-95-4)	200.8	10	50	
	Molybdenum, Total (7439-98-7)	200.8	0.1	0.5	
	Manganese, Total (7439-96-5)	200.8	0.1	0.5	50
	Tin, Total (7440-31-5)	200.8	0.3	1.5	

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	Titanium, Total (7440-32-6)	200.8	0.5	2.5	
Metals, Cyanide & Total Phenols					
114	Antimony, Total (7440-36-0)	200.8	0.3	1.0	14[5]
115	Arsenic, Total (7440-38-2)	200.8	0.1	0.5	36[7]
117	Beryllium, Total (7440-41-7)	200.8	0.1	0.5	4[8]
118	Cadmium, Total (7440-43-9)	200.8	0.05	0.25	0.37[3]
	Chromium (hex) dissolved (185-402-99)	SM3500-Cr EC	0.3	1.2	10[7]
119	Chromium, Total (7440-47-3)	200.8	0.2	1.0	57.2[3]
120	Copper, Total (7440-50-8)	200.8	0.4	2.0	3.1[3]
122	Lead, Total (7439-92-1)	200.8	0.1	0.5	0.54[3]
123	Mercury, Total (7439-97-6)	1631E	0.0002	0.0005	0.012[7]
124	Nickel, Total (7440-02-0)	200.8	0.1	0.5	8.2[3]
125	Selenium, Total (7782-49-2)	200.8	1.0	1.0	5[7]
126	Silver, Total (7440-22-4)	200.8	0.04	0.2	0.32[3]
127	Thallium, Total (7440-28-0)	200.8	0.09	0.36	1.7[5]
128	Zinc, Total (7440-66-6)	200.8	0.5	2.5	32.3[3]
121	Cyanide, Total (7440-66-6)	335.4	5	10	1.0[7]
	Cyanide, Available	SM4500-CN G	5	10	
065	Phenols, Total	EPA 420.1		50	21000[5]
Dioxin					
129	2,3,7,8-Tetra-Chlorodibenzo-P-Dioxin (176-40-16)	1613B	1.3 pg/L	5 pg/L	0.000000013[5]
Volatile Compounds					
002	Acrolein (107-02-8)	624	5	10	320/780[5]
003	Acrylonitrile (107-13-1)	624	1.0	2.0	0.059/0.66[5]
004	Benzene (71-43-2)	624	1.0	2.0	5.0[8]
018	Bis(2-Chloroethyl)ether (111-44-4)	611/625	1.0	2.0	0.031[5]
042	Bis(2-Chloroisopropyl) ether (108-60-1)	611/625	1.0	2.0	1400[5]

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047	Bromoform (75-25-2)	624	1.0	2.0	4.3[5]
006	Carbon tetrachloride (108-90-7)	624/601 or SM6230B	1.0	2.0	0.25[5]
007	Chlorobenzene (108-90-7)	624	1.0	2.0	680[5]
016	Chloroethane (75-00-3)	624/601	1.0	2.0	
019	2-Chloroethylvinyl Ether (110-75-8)	624	1.0	2.0	3540[10]
023	Chloroform (67-66-3)	624 or SM6210B	1.0	2.0	5.7[5]
051	Dibromochloromethane (124-48-1)	624	1.0	2.0	0.41[5]
025	1,2-Dichlorobenzene (95-50-1)	624	1.9	7.6	2700[5]
026	1,3-Dichlorobenzene (541-73-1)	624	1.9	7.6	400[5]
027	1,4-Dichlorobenzene (106-46-7)	624	4.4	17.6	400[5]
028	3,3'-Dichlorobenzidine (91-94-1)	605/625	0.5	1.0	
048	Dichlorobromomethane (75-27-4)	624	1.0	2.0	0.27[5]
013	1,1-Dichloroethane (75-34-3)	624	1.0	2.0	
010	1,2-Dichloroethane (107-06-2)	624	1.0	2.0	0.38[5]
029	1,1-Dichloroethylene (75-35-4)	624	1.0	2.0	0.057[5]
032	1,2-Dichloropropane (78-87-5)	624	1.0	2.0	3[11]
033	1,3-dichloropropylene (mixed isomers) (542-75-6)	624	1.0	2.0	10[5]
038	Ethylbenzene (100-41-4)	624	1.0	2.0	3100[5]
046	Methyl bromide (74-83-9) (Bromomethane)	624/601	5.0	10.0	48[5]
045	Methyl chloride (74-87-3) (Chloromethane)	624	1.0	2.0	270000[10]
044	Methylene chloride (75-09-2)	624	5.0	10.0	4.7[5]
015	1,1,2,2-Tetrachloroethane (79-34-5)	624	1.9	2.0	0.17[5]
085	Tetrachloroethylene (127-18-4)	624	1.0	2.0	0.80[5]
086	Toulene (108-88-3)	624	1.0	2.0	6800[5]
030	1,2-Trans-Dichloroethylene (156-60-5) (Ethylene dichloride)	624	1.0	2.0	700[4]
011	1,1,1-Trichloroethane (71-55-6)	624	1.0	2.0	200[8]

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014	1,1,2-Trichloroethane (79-00-5)	624	1.0	2.0	0.6[5]
087	Trichloroethylene (79-01-6)	624	1.0	2.0	2.7[5]
088	Vinyl chloride (75-01-4)	624/SM6200B	1.0	2.0	2[5]
Acid Compounds					
024	2-Chlorophenol (95-57-8)	625	1.0	2.0	81[4]
031	2,4-Dichlorophenol (120-83-2)	625	0.5	1.0	93[5]
034	2,4-Dimethylphenol (105-67-9)	625	0.5	1.0	380[4]
060	4,6-dinitro-o-cresol (534-52-1) (2-methyl-4,6,-dinitrophenol)	625/1625B	1.0	2.0	13.4[5]
059	2,4 dinitrophenol (51-28-5)	625	1.0	2.0	70[5]
057	2-Nitrophenol (88-75-5)	625	0.5	1.0	450[13]
058	4-nitrophenol (100-02-7)	625	0.5	1.0	600[13]
022	Parachlorometa cresol (59-50-7) (4-chloro-3-methylphenol)	625	1.0	2.0	-
064	Pentachlorophenol (87-86-5)	625	0.5	1.0[10]	0.28[5]
065	Phenol (108-95-2)	625	2.0	4.0	21000[5]
021	2,4,6-Trichlorophenol (88-06-2)	625	2.0	4.0	2.1[5]
Base/Neutral Compounds					
001	Acenaphthene (83-32-9)	625	0.2	0.4	670[6]
077	Acenaphtylene (208-96-8)	625	0.3	0.6	132000[9]
078	Anthracene (120-12-7)	625	0.3	0.6	9600[5]
005	Benzidine (92-87-5)	625	12	24	0.00012[5]
067	Benzyl butyl phthalate (85-68-7)	625	0.3	0.6	1500
072	Benzo(*a*)anthracene (56-55-3)	625	0.3	0.6	0.0028[5]
PBT	Benzo(j)fluoranthene (205-82-3)	625	0.5	1.0	-
PBT	Benzo(r,s,t)pentaphene (189-55-9)	625	0.5	1.0	
073	Benzo(*a*)pyrene (50-32-8)	610/625	0.5	1.0	0.0028/0.031[5]
074	3,4-benzofluoranthene	610/625	0.8	1.6	

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	(Benzo(b)fluoranthene) (205-99-2)				
075	11,12-benzofluoranthene (Benzo(k)fluoranthene) (207-08-9)	610/625	0.8	1.6	0.0028/0.031[5]
079	Benzo(*ghi*)Perylene (191-24-2)	610/625	0.5	1.0	0.1[9]
043	Bis(*2-chloroethoxy)*methane (111-91-1)	625	5.3	21.2	92000[9]
018	Bis(*2-chloroethyl*)ether (111-44-4)	611/625	0.3	1.0	0.031[5]
042	Bis(*2-chloroisopropyl*)ether (108-60-1)	625	0.3	0.6	1400[5]
066	Bis(*2-ethylhexyl*)phthalate (117-81-7)	625	0.1	0.5	1.8[5]
070	Butyl benzyl phthalate (117-81-7)	625	0.25	0.6	1500
041	4-Bromophenyl phenyl ether (101-55-3)	625	0.2	0.4	180[10]
020	2-Chloronaphthalene (91-58-7)	625	0.3	0.6	1000[6]
040	4-Chlorophenyl phenyl ether (7005-72-3)	625	0.3	0.5	365[9]
076	Chrysene (218-01-9)	610/625	0.3	0.6	0.0028[5]
PBT	Dibenzo (a,j)acridine (224-42-0)	610M/625M	2.5	10.0	-
PBT	Dibenzo (a,h)acridine (226-36-8)	610M/625M	2.5	10.0	-
082	Dibenzo(a-*h*)anthracene (53-70-3) (1,2,5,6-dibenzanthracene)	625	0.8	1.6	2700[5]
PBT	Dibenzo(a,e)pyrene (192-65-4)	610M/625M	2.5	10.0	-
PBT	Dibenzo(a,h)pyrene (189-64-0)	625M	2.5	10.0	
028	3,3'-Dichlorobenzidine (91-94-1)	605/625	0.5	1.0	0.04[5]
070	Diethyl phthalate (84-66-2)	625	1.9	7.6	23000[5]
071	Dimethyl phthalate (131-11-3)	625	1.6	6.4	313000[5]
068	Di-n-butyl phthalate (84-74-2)	625	0.5	1.0	2700[5]
035	2,4-dinitrotoluene (121-14-2)	609	0.2	0.4	0.11[5]
036	2,6-dinitrotoluene (606-20-2)	609/625	0.2	0.4	6250[13]
069	Di-n-octyl phthalate (117-84-0)	625	0.3	0.6	3.1[13]
037	1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)	1625B	5.0	20	0.04[5]

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039	Fluoranthene (206-44-0)	625	0.3	0.6	300[5]
080	Fluorene (86-73-7)	625	0.3	0.6	1300[5]
009	Hexachlorobenzene (118-74-1)	612/625	0.3	0.6	0.00075[5]
052	Hexachlorobutadiene (87-68-3)	625	0.5	1.0	0.44[5]
053	Hexachlorocyclopentadiene (77-47-4)	1625B/625	0.5	1.0	240[5]
012	Hexachloroethane (67-72-1)	625	0.5	1.0	1.9[5]
083	Indeno(*1,2,3-cd*)Pyrene (193-39-5)	610/625	0.5	1.0	0.0028[6]
054	Isophorone (78-59-1)	625	0.5	1.0	8.4[5]
PBT	3-Methyl cholanthrene (56-49-5)	625	2.0	8.0	_
055	Naphthalene (91-20-3)	625	0.3	0.6	400[11]
056	Nitrobenzene (98-95-3)	625	0.5	1.0	17[5]
061	N-Nitrosodimethylamine (62-75-9)	607/625	2.0	4.0	0.00069[5]
063	N-Nitrosodi-n-propylamine (621-64-7)	607/625	0.5	1.0	0.005[5]
062	N-Nitrosodiphenylamine (86-30-6)	625	0.5	1.0	5[5]
PBT	Perylene (198-55-0)	625	1.9	7.6	
081	Phenanthrene (85-01-8)	625	0.3	0.6	4[11]
084	Pyrene (129-00-0)	625	0.3	0.6	960[5]
008	1,2,4-Trichlorobenzene (120-82-1)	625	0.3	0.6	35[6]
Pesticides/PCBs					
089	Aldrin (309-00-2)	608	0.025	0.05	0.00013[5]
102	alpha-BHC (319-84-6)	608	0.025	0.05	0.0039[5]
103	beta-BHC (319-85-7)	608	0.025	0.05	0.014[5]
104	gamma-BHC (58-89-9)	608	0.025	0.05	0.019[5]
105	delta-BHC (319-86-8)	608	0.025	0.05	7.0[13]
091	Chlordane (57-74-9)	608	0.025	0.05	0.00057[5]
092	4,4'-DDT (50-29-3)	608	0.025	0.05	0.00059[5]
093	4,4'-DDE (72-55-9)	608	0.025	0.05[10]	0.00059[5]
094	4,4' DDD (72-54-8)	608	0.025	0.05	0.00083[5]

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090	Dieldrin (60-57-1)	608	0.025	0.05	0.00014[5]
095	alpha-Endosulfan (959-98-8)	608	0.025	0.05	0.0087[5]
096	beta-Endosulfan (33213-65-9)	608	0.025	0.05	0.0087[5]
097	Endosulfan Sulfate (1031-07-8)	608	0.025	0.05	0.093[5]
098	Endrin (72-20-8)	608	0.025	0.05	0.0023[5]
099	Endrin Aldehyde (7421-93-4)	608	0.025	0.05	0.76[5]
100	Heptachlor (76-44-8)	608	0.025	0.05	0.00021[5]
101	Heptachlor Epoxide (1024-57-3)	608	0.025	0.05	0.00010[5]
106	PCB-1242 (53469-21-9)	608	0.25	0.5	0.000170[5]
107	PCB-1254 (11097-69-1)	608	0.25	0.5	0.000170[5]
108	PCB-1221 (11104-28-2)	608	0.25	0.5	0.000170[5]
109	PCB-1232 (11141-16-5)	608	0.25	0.5	0.000170[5]
110	PCB-1248 (12672-29-6)	608	0.025	0.5	0.000170[5]
111	PCB-1260 (11096-82-5)	608	0.13	0.5	10.5[13]
112	PCB-1016 (12674-11-2)	608	0.13	0.5	0.42[13]
113	Toxaphene (8001-35-2)	608	0.24	0.5	0.00073[5]

PBT - Denotes a State of Washington priority pollutant.

1. Detection level (DL) or detection limit means the minimum concentration of an analyte (substance) that can be measured and reported with a 99percent confidence that the analyte concentration is greater than zero as determined by the procedure given in 40 CFR part 136, Appendix B.

2. Quantitation Level (QL) is equivalent to EPA's Minimum Level (ML) which is defined in 40 CFR Part 136 as the minimum level at which the entire GC/MS system must give recognizable mass spectra (background corrected) and acceptable calibration points. These levels were published as proposed in the Federal Register on March 28, 1997.

3. This criterion is dependent upon receiving water characteristics. This value is the aquatic life chronic value at a hardness of 25 mg/l

4. EPA 822-R-03-031

5. Human health criteria as fresh or marine – EPA National Toxic Rule

6. Fresh water aquatic life as Acute or Chronic – EPA recommended values

7. Aquatic life as Acute or Chronic – WAC 173-201A

8. USEPA Drinking Water Criteria

9. No human health based screening levels were available for 2-chloroethylvinyl ether. This value is the surface water screening values derived by U.S. EPA Region 4 Water Management Division. These values were obtained from Water Quality Criteria documents and represent the chronic ambient water quality criteria values for the protection of aquatic life.

10. USGS 2004-5194. Pesticides Detected in Urban Streams in King County, Washington, 1998–2003.

11. Estimated effect level

12. Chapter WAC 173-200.

13. Estimated effect level